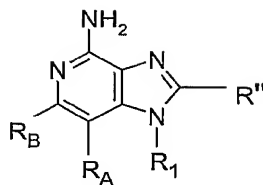


WHAT IS CLAIMED IS:

1. A compound of the formula (I):

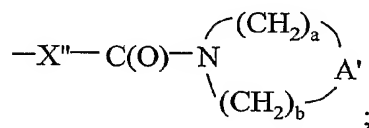


I

wherein:

R₁ is selected from the group consisting of:

-X'-C(O)-N(R₁') (R₁') and



X' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-;

X'' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more -O- groups;

R₁' and R₁'' are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

arylalkylenyl,

heteroaryl,

heteroarylalkylenyl,

heterocyclyl,

heterocyclylalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,

heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,
alkyl,
haloalkyl,
hydroxyalkyl,
alkoxy,
haloalkoxy,
halogen,
cyano,
nitro,
amino,
alkylamino,
dialkylamino,
arylsulfonyl, and
alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7;

R_A and R_B are independently selected from the group consisting of:

hydrogen,
halogen,
alkyl,
alkenyl,
alkoxy,
alkylthio, and

-N(R₉)₂;

or R_A and R_B taken together form either a fused aryl ring that is unsubstituted or substituted by one or more R_a groups, or a fused 5 to 7 membered saturated ring that is unsubstituted or substituted by one or more R_c groups;

or R_A and R_B taken together form a fused heteroaryl or 5 to 7 membered saturated ring containing one heteroatom selected from the group consisting of N and S, wherein the heteroaryl ring is unsubstituted or substituted by one or more R_b groups, and the 5 to 7 membered saturated ring is unsubstituted or substituted by one or more R_c groups;

R_a is selected from the group consisting of:

halogen,
alkyl,
haloalkyl,
alkoxy, and
-N(R₉)₂;

R_b is selected from the group consisting of:

halogen,
hydroxy,
alkyl,
haloalkyl,
alkoxy, and
-N(R₉)₂;

R_c is selected from the group consisting of:

halogen,
hydroxy,
alkyl,
alkenyl,
haloalkyl,
alkoxy,
alkylthio, and
-N(R₉)₂;

Q is selected from the group consisting of a bond, -C(R₆)-, -C(R₆)-C(R₆)-, -S(O)₂-,
-C(R₆)-N(R₈)-W-, -S(O)₂-N(R₈)-, -C(R₆)-O-, and -C(R₆)-N(OR₉)-;

W is selected from the group consisting of a bond, -C(O)-, and -S(O)₂;

R_4 is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl,
arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl,
heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl,
alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl,
heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups
are unsubstituted or substituted by one or more substituents independently selected from
the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro,

hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R_6 is selected from the group consisting of $=O$ and $=S$;

R_8 is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

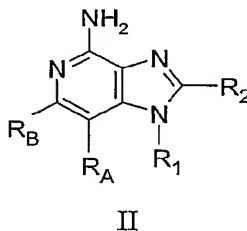
R_9 is selected from the group consisting of hydrogen and alkyl; and

R'' is hydrogen or a non-interfering substituent;

with the proviso that when R_A and R_B form a fused heteroaryl or 5 to 7 membered saturated ring containing one heteroatom selected from the group consisting of N and S, wherein the heteroaryl ring is unsubstituted or substituted by one or more R_b groups, and the 5 to 7 membered saturated ring is unsubstituted or substituted by one or more R_c groups, then R_1 can also be $-X''-C(O)-N(R_1')(R_1'')$;

or a pharmaceutically acceptable salt thereof.

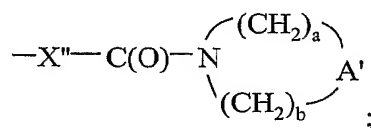
2. A compound of the formula (II):



wherein:

R_1 is selected from the group consisting of:

$-X'-C(O)-N(R_1')(R_1'')$ and



X' is selected from the group consisting of $-CH(R_9)-$, $-CH(R_9)-$ alkylene-, and $-CH(R_9)-$ alkenylene-;

X'' is selected from the group consisting of $-CH(R_9)-$, $-CH(R_9)-$ alkylene-, and

-CH(R₉)-alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more -O- groups;

R₁' and R₁" are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

arylalkylenyl,

heteroaryl,

heteroarylalkylenyl,

heterocyclyl,

heterocyclylalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,

heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents

selected from the group consisting of:

hydroxy,

alkyl,

haloalkyl,

hydroxyalkyl,

alkoxy,

haloalkoxy,

halogen,

cyano,

nitro,

amino,

alkylamino,

dialkylamino,

arylsulfonyl, and

alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7;

R_A and R_B are independently selected from the group consisting of:

hydrogen,
halogen,
alkyl,
alkenyl,
alkoxy,
alkylthio, and
 $-N(R_9)_2$;

or R_A and R_B taken together form either a fused aryl ring that is unsubstituted or substituted by one or more R_a groups, or a fused 5 to 7 membered saturated ring that is unsubstituted or substituted by one or more R_c groups;

or R_A and R_B taken together form a fused heteroaryl or 5 to 7 membered saturated ring containing one heteroatom selected from the group consisting of N and S, wherein the heteroaryl ring is unsubstituted or substituted by one or more R_b groups, and the 5 to 7 membered saturated ring is unsubstituted or substituted by one or more R_c groups;

R_a is selected from the group consisting of:

halogen,
alkyl,
haloalkyl,
alkoxy, and
 $-N(R_9)_2$;

R_b is selected from the group consisting of:

halogen,
hydroxy,
alkyl,
haloalkyl,
alkoxy, and
 $-N(R_9)_2$;

R_c is selected from the group consisting of:

halogen,
hydroxy,
alkyl,

alkenyl,
haloalkyl,
alkoxy,
alkylthio, and
-N(R₉)₂;

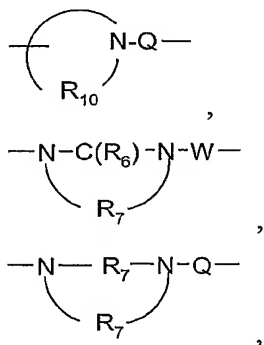
R₂ is selected from the group consisting of:

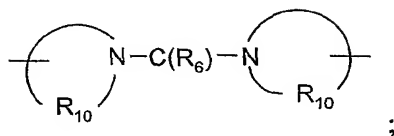
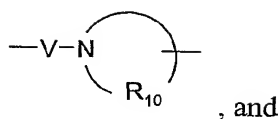
-R₄,
-X-R₄,
-X-Y-R₄, and
-X-R₅;

X is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

Y is selected from the group consisting of:

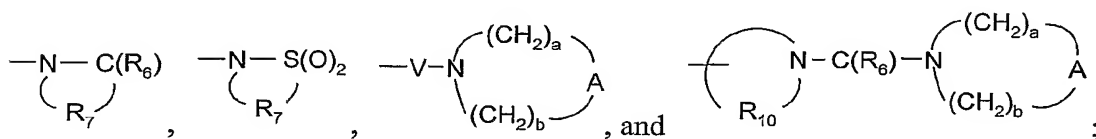
-S(O)₀₋₂-,
-S(O)₂-N(R₈)-,
-C(R₆)-,
-C(R₆)-O-,
-O-C(R₆)-,
-O-C(O)-O-,
-N(R₈)-Q-,
-C(R₆)-N(R₈)-,
-O-C(R₆)-N(R₈)-,
-C(R₆)-N(OR₉)-,





R₄ is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclcyl wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclcyl groups are unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclcyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclcyl, oxo;

R₅ is selected from the group consisting of:



R₆ is selected from the group consisting of =O and =S;

R₇ is C₂₋₇ alkylene;

R₈ is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

R₉ is selected from the group consisting of hydrogen and alkyl;

R₁₀ is C₃₋₈ alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)₀₋₂-, -CH₂-, and -N(R₄)-;

Q is selected from the group consisting of a bond, -C(R₆)-, -C(R₆)-C(R₆)-, -S(O)₂-, -C(R₆)-N(R₈)-W-, -S(O)₂-N(R₈)-, -C(R₆)-O-, and -C(R₆)-N(OR₉)-;

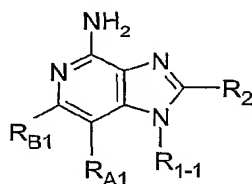
V is selected from the group consisting of -C(R₆)-, -O-C(R₆)-, -N(R₈)-C(R₆)-, and

-S(O)₂-; and

W is selected from the group consisting of a bond, -C(O)-, and -S(O)₂-;

with the proviso that when R_A and R_B form a fused heteroaryl or 5 to 7 membered saturated ring containing one heteroatom selected from the group consisting of N and S, wherein the heteroaryl ring is unsubstituted or substituted by one or more R_b groups, and the 5 to 7 membered saturated ring is unsubstituted or substituted by one or more R_c groups, then R₁ can also be -X"-C(O)-N(R₁') (R₁''); or a pharmaceutically acceptable salt thereof.

3. A compound of the formula (III):

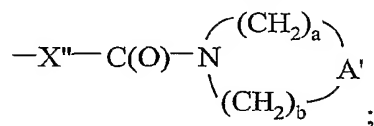


III

wherein:

R₁₋₁ is selected from the group consisting of:

-X'-C(O)-N(R₁') (R₁'') and



X' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-;

X'' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more -O- groups;

R₁' and R₁'' are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

arylalkylenyl,
 heteroaryl,
 heteroarylalkylenyl,
 heterocyclyl,
 heterocyclylalkylenyl, and
 alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,
 heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents
 selected from the group consisting of:

hydroxy,
 alkyl,
 haloalkyl,
 hydroxyalkyl,
 alkoxy,
 haloalkoxy,
 halogen,
 cyano,
 nitro,
 amino,
 alkylamino,
 dialkylamino,
 arylsulfonyl, and
 alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and
 -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that $a + b \leq 7$;

R_{A1} and R_{B1} are independently selected from the group consisting of:

hydrogen,
 halogen,
 alkyl,
 alkenyl,
 alkoxy,
 alkylthio, and

-N(R₉)₂;

R₂ is selected from the group consisting of:

-R₄,

-X-R₄,

-X-Y-R₄, and

-X-R₅;

X is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

Y is selected from the group consisting of:

-S(O)₀₋₂-,

-S(O)₂-N(R₈)-,

-C(R₆)-,

-C(R₆)-O-,

-O-C(R₆)-,

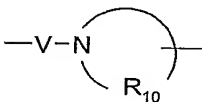
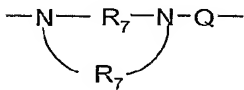
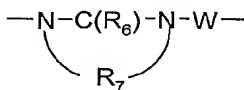
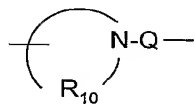
-O-C(O)-O-,

-N(R₈)-Q-,

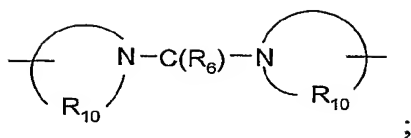
-C(R₆)-N(R₈)-,

-O-C(R₆)-N(R₈)-,

-C(R₆)-N(OR₉)-,

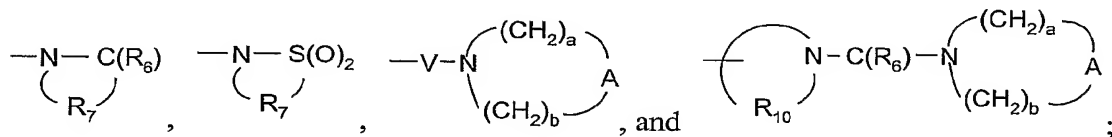


, and



R₄ is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R₅ is selected from the group consisting of:



R₆ is selected from the group consisting of =O and =S;

R₇ is C₂₋₇ alkylene;

R₈ is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

R₉ is selected from the group consisting of hydrogen and alkyl;

R₁₀ is C₃₋₈ alkylene;

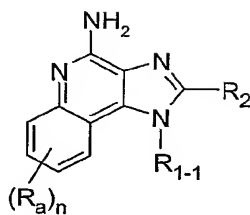
A is selected from the group consisting of -O-, -C(O)-, -S(O)₀₋₂-, -CH₂-, and -N(R₄)-;

Q is selected from the group consisting of a bond, -C(R₆)-, -C(R₆)-C(R₆)-, -S(O)₂-, -C(R₆)-N(R₈)-W-, -S(O)₂-N(R₈)-, -C(R₆)-O-, and -C(R₆)-N(OR₉)-;

V is selected from the group consisting of -C(R₆)-, -O-C(R₆)-, -N(R₈)-C(R₆)-, and -S(O)₂-; and

W is selected from the group consisting of a bond, -C(O)-, and -S(O)₂-; or a pharmaceutically acceptable salt thereof.

4. A compound of the formula (IV):

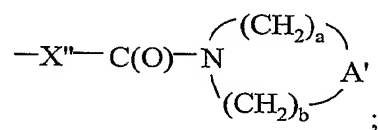


IV

5 wherein:

R_{1-1} is selected from the group consisting of:

$-X'-C(O)-N(R_1')(R_1'')$ and



10 X' is selected from the group consisting of $-CH(R_9)-$, $-CH(R_9)$ -alkylene-, and $-CH(R_9)$ -alkenylene-;

X'' is selected from the group consisting of $-CH(R_9)-$, $-CH(R_9)$ -alkylene-, and $-CH(R_9)$ -alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more $-O-$ groups;

R_1' and R_1'' are independently selected from the group consisting of:

15 hydrogen,
alkyl,
alkenyl,
aryl,
arylalkylenyl,
20 heteroaryl,
heteroarylalkylenyl,
heterocyclyl,
heterocyclalkylenyl, and
alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,
25 heterocyclyl, or heterocyclalkylenyl, substituted by one or more substituents
selected from the group consisting of:

hydroxy,

alkyl,
haloalkyl,
hydroxyalkyl,
alkoxy,
5 haloalkoxy,
halogen,
cyano,
nitro,
amino,
10 alkylamino,
dialkylamino,
arylsulfonyl, and
alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and
15 -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7;

R_a is selected from the group consisting of:

halogen,
alkyl,
20 haloalkyl,
alkoxy, and
-N(R₉)₂;

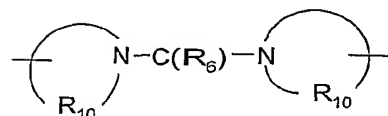
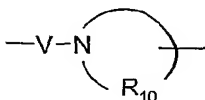
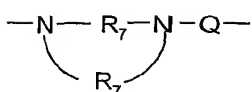
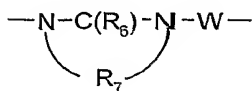
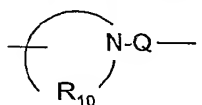
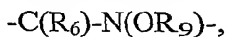
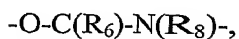
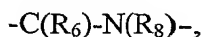
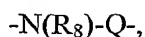
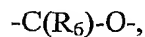
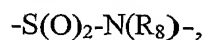
n is an integer from 0 to 4;

R₂ is selected from the group consisting of:

25 -R₄,
-X-R₄,
-X-Y-R₄, and
-X-R₅;

X is selected from the group consisting of alkylene, alkenylene, alkynylene,
30 arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and
alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or
heterocyclylene and optionally interrupted by one or more -O- groups;

Y is selected from the group consisting of:



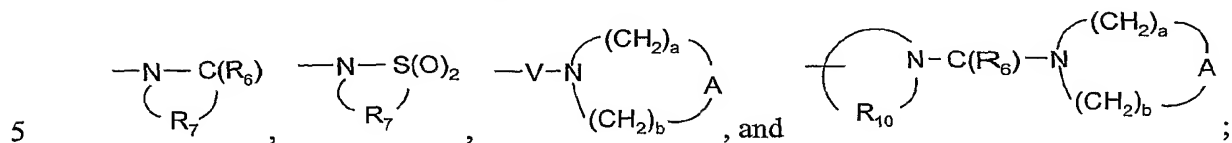
, and

;

R_4 is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy,

heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R_5 is selected from the group consisting of:



R_6 is selected from the group consisting of =O and =S;

R_7 is C_{2-7} alkylene;

R_8 is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

10 R_9 is selected from the group consisting of hydrogen and alkyl;

R_{10} is C_{3-8} alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)₀₋₂-, -CH₂-, and -N(R₄)-;

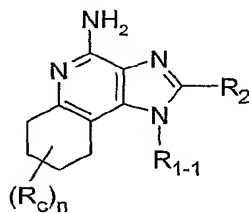
15 Q is selected from the group consisting of a bond, -C(R₆)-, -C(R₆)-C(R₆)-, -S(O)₂-, -C(R₆)-N(R₈)-W-, -S(O)₂-N(R₈)-, -C(R₆)-O-, and -C(R₆)-N(OR₉)-;

V is selected from the group consisting of -C(R₆)-, -O-C(R₆)-, -N(R₈)-C(R₆)-, and -S(O)₂-; and

W is selected from the group consisting of a bond, -C(O)-, and -S(O)₂-; or a pharmaceutically acceptable salt thereof.

20

5. A compound of the formula (V):

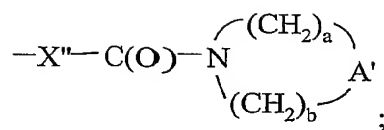


V

wherein:

25 R_{1-1} is selected from the group consisting of:

-X'-C(O)-N(R₁') (R₁') and



X' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-;

X'' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more -O- groups;

R₁' and R₁'' are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

arylalkylenyl,

heteroaryl,

heteroarylalkylenyl,

heterocyclyl,

heterocyclylalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,

heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,

alkyl,

haloalkyl,

hydroxyalkyl,

alkoxy,

haloalkoxy,

halogen,

cyano,

nitro,

amino,

alkylamino,

dialkylamino,
 arylsulfonyl, and
 alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and
 5 -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7;

R_c is selected from the group consisting of:

halogen,
 hydroxy,
 10 alkyl,
 alkenyl,
 haloalkyl,
 alkoxy,
 alkylthio, and
 15 -N(R₉)₂;

n is an integer from 0 to 4;

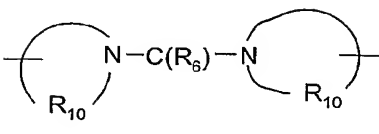
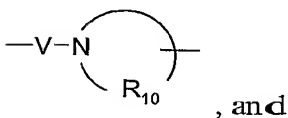
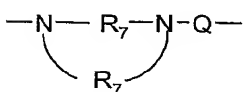
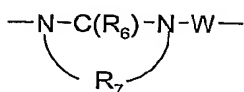
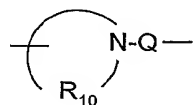
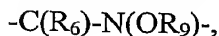
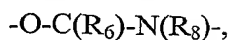
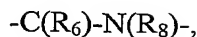
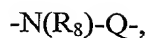
R₂ is selected from the group consisting of:

-R₄,
 -X-R₄,
 20 -X-Y-R₄, and
 -X-R₅;

X is selected from the group consisting of alkylene, alkenylene, alkynylene,
 arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and
 alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or
 25 heterocyclylene and optionally interrupted by one or more -O- groups;

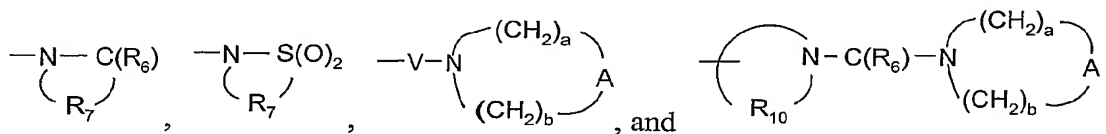
Y is selected from the group consisting of:

-S(O)₀₋₂-,
 -S(O)₂-N(R₈)-,
 -C(R₆)-,
 30 -C(R₆)-O-,
 -O-C(R₆)-,
 -O-C(O)-O-,



R_4 is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R_5 is selected from the group consisting of:



R_6 is selected from the group consisting of $=O$ and $=S$;

R_7 is C_{2-7} alkylene;

R_8 is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

5 R_9 is selected from the group consisting of hydrogen and alkyl;

R_{10} is C_{3-8} alkylene;

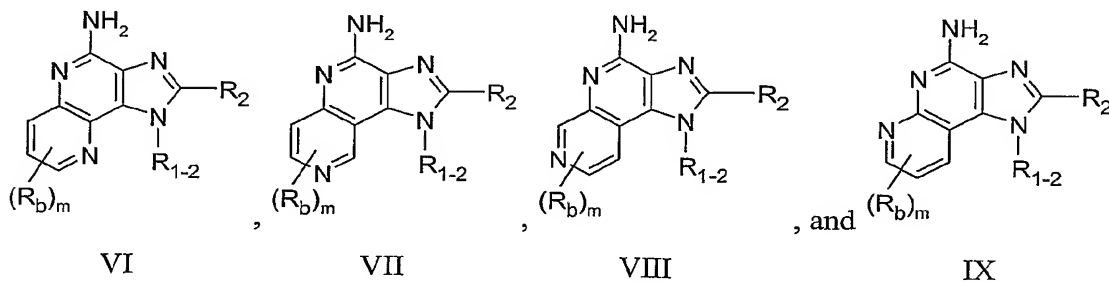
A is selected from the group consisting of $-O-$, $-C(O)-$, $-S(O)_{0-2}-$, $-CH_2-$, and $-N(R_4)-$;

10 Q is selected from the group consisting of a bond, $-C(R_6)-$, $-C(R_6)-C(R_6)-$, $-S(O)_2-$, $-C(R_6)-N(R_8)-W-$, $-S(O)_2-N(R_8)-$, $-C(R_6)-O-$, and $-C(R_6)-N(OR_9)-$;

V is selected from the group consisting of $-C(R_6)-$, $-O-C(R_6)-$, $-N(R_8)-C(R_6)-$, and $-S(O)_2-$; and

15 W is selected from the group consisting of a bond, $-C(O)-$, and $-S(O)_2-$; or a pharmaceutically acceptable salt thereof.

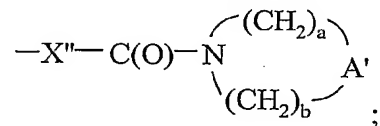
6. A compound selected from the group consisting of the formulas (VI, VII, VIII, and IX):



20 wherein:

R_{1-2} is selected from the group consisting of:

$-X''-C(O)-N(R_1')(R_1'')$ and



25 X'' is selected from the group consisting of $-CH(R_9)-$, $-CH(R_9)$ -alkylene-, and $-CH(R_9)$ -alkenylen-; wherein the alkylene and alkenylene are optionally interrupted with one or more $-O-$ groups;

R₁' and R₁" are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

arylalkylenyl,

heteroaryl,

heteroarylalkylenyl,

heterocyclyl,

heterocyclylalkylenyl, and

alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,

heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents selected from the group consisting of:

hydroxy,

alkyl,

haloalkyl,

hydroxyalkyl,

alkoxy,

haloalkoxy,

halogen,

cyano,

nitro,

amino,

alkylamino,

dialkylamino,

arylsulfonyl, and

alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7;

R_b is selected from the group consisting of:

halogen,

hydroxy,
alkyl,
haloalkyl,
alkoxy, and
-N(R₉)₂;

m is an integer from 0 to 3;

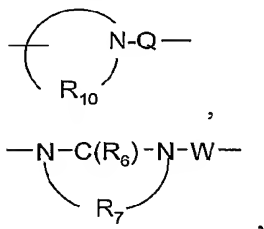
R_2 is selected from the group consisting of:

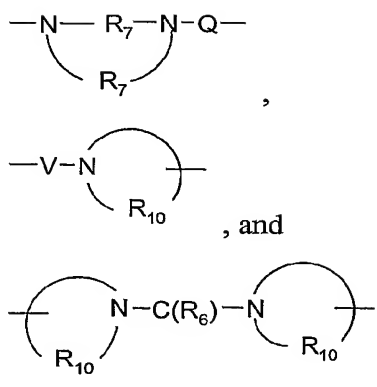
-R₄,
-X-R₄,
-X-Y-R₄, and
-X-R₅;

X is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

Y is selected from the group consisting of:

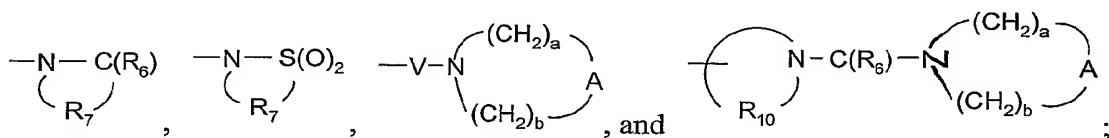
- S(O)₀₋₂-,
- S(O)₂-N(R₈)-,
- C(R₆)-,
- C(R₆)-O-,
- O-C(R₆)-,
- O-C(O)-O-,
- N(R₈)-Q-,
- C(R₆)-N(R₈)-,
- O-C(R₆)-N(R₈)-,
- C(R₆)-N(OR₉)-,





R_4 is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl,
 5 arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl,
 heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl,
 alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl,
 heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups
 are unsubstituted or substituted by one or more substituents independently selected from
 10 the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro,
 hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy,
 heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino,
 (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl,
 oxo;

R_5 is selected from the group consisting of:



R_5 is selected from the group consisting of =O and =S;

R_7 is C_{2-7} alkylene;

R_8 is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and
 20 arylalkylenyl;

R_9 is selected from the group consisting of hydrogen and alkyl;

R_{10} is C_{3-8} alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)₀₋₂-, -CH₂-, and
 -N(R₄)-;

Q is selected from the group consisting of a bond, $-C(R_6)-$, $-C(R_6)-C(R_6)-$, $-S(O)_2-$, $-C(R_6)-N(R_8)-W-$, $-S(O)_2-N(R_8)-$, $-C(R_6)-O-$, and $-C(R_6)-N(OR_9)-$;

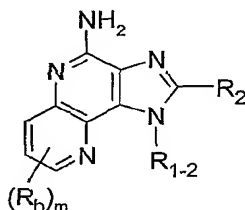
V is selected from the group consisting of $-C(R_6)-$, $-O-C(R_6)-$, $-N(R_8)-C(R_6)-$, and $-S(O)_2-$; and

5 W is selected from the group consisting of a bond, $-C(O)-$, and $-S(O)_2-$;
or a pharmaceutically acceptable salt thereof.

7. The compound or salt of claim 1 or claim 2 wherein the fused aryl ring, fused
heteroaryl ring, fused 5 to 7 membered saturated ring, or fused 5 to 7 membered saturated
10 ring containing one N or S atom is unsubstituted.

8. The compound or salt of claim 3 wherein R_{A1} and R_{B1} are methyl.

9. The compound or salt of claim 6 wherein the compound is of the following
15 formula (VI):

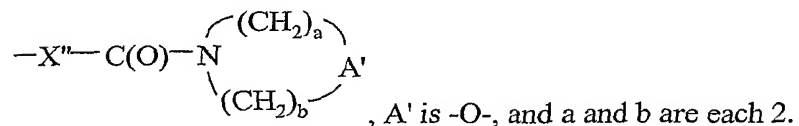


VI,

or a pharmaceutically acceptable salt thereof.

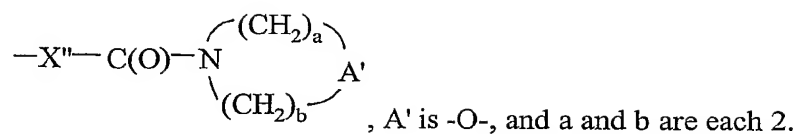
20 10. The compound or salt of claim 6 or claim 9 wherein m is 0.

11. The compound or salt of any one of claims 6, 9, or 10 wherein R_{1-2} is



25 12. The compound or salt of claim 4 or claim 5 wherein n is 0.

13. The compound or salt of any one of claims 3, 4, 5, 8, and 12 wherein R_{1-1} is



14. The compound or salt of any one of claims 1 through 5, 7, 8, and 12 wherein X' is -CH₂-C₀₋₁₀ alkylene- or X'' is -CH₂-C₀₋₁₀ alkylene- or -CH₂-C₁₋₄ alkylene-O-C₁₋₄ alkylene-.

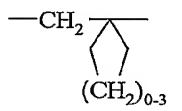
5

15. The compound or salt of claim 14 wherein X' is -CH₂-C₀₋₄ alkylene- or X'' is -CH₂-C₀₋₄ alkylene- or -CH₂-C₁₋₄ alkylene-O-C₁₋₄ alkylene-.

16. The compound or salt of claim 15 wherein X' is -(CH₂)₁₋₅-, -CH₂C(CH₃)₂-, or -CH₂C(CH₃)₂CH₂-; or X'' is -(CH₂)₁₋₅-, -CH₂C(CH₃)₂-, -CH₂C(CH₃)₂CH₂-, or -(CH₂)₃-O-CH₂-.

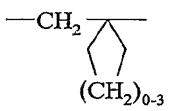
10

17. The compound or salt of any one of claims 1 through 5, 7, 8, 12, and 14 wherein X' or X'' is -CH₂-, -CH₂CH₂-, -CH₂CH₂CH₂-, -CH₂C(CH₃)₂-, -CH₂C(CH₃)₂CH₂-, or



15

18. The compound or salt of claim 17 wherein X' or X'' is -CH₂-, -CH₂CH₂-, -CH₂C(CH₃)₂-, or



20

19. The compound or salt of claim 16 or claim 18 wherein X' or X'' is -CH₂CH₂- or -CH₂C(CH₃)₂-.

20. The compound or salt of any one of claims 1 through 14 wherein X'' is -CH₂-C₀₋₁₀ alkylene- or -CH₂-C₁₋₄ alkylene-O-C₁₋₄ alkylene-.

25

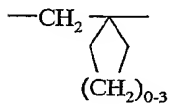
21. The compound or salt of claim 20 wherein X'' is -CH₂-C₀₋₄ alkylene- or

-CH₂-C₁₋₄ alkylene-O-C₁₋₄ alkylene-

22. The compound or salt of claim 21 wherein X" is -(CH₂)₁₋₅-, -CH₂C(CH₃)₂-,
-CH₂C(CH₃)₂CH₂-, or -(CH₂)₃-O-CH₂-.

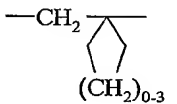
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23. The compound or salt of any one of claims 1 through 14, 17, and 20 wherein X" is
-CH₂-, -CH₂CH₂-, -CH₂CH₂CH₂-, -CH₂C(CH₃)₂-, -CH₂C(CH₃)₂CH₂-, or



10

24. The compound or salt of claim 23 wherein X" is -CH₂-, -CH₂CH₂-, -CH₂C(CH₃)₂-,
or



15

25. The compound or salt of claim 22 or claim 24 wherein X" is -CH₂CH₂- or
-CH₂C(CH₃)₂-.

20

26. The compound or salt of any one of claims 1 through 10, 12, 14 through 19; claims
20 through 22 as dependent on any one of claims 1 through 10, 12, and 14; and claims 23
through 25 as dependent on any one of claims 1 through 10, 12, 14, and 17 wherein R₁" is
hydrogen.

27. The compound or salt of claim 26 wherein R₁' is hydrogen or C₁₋₃ alkyl.

28. The compound or salt of claim 27 wherein R₁' and R₁" are hydrogen.

25

29. The compound or salt of any one of claims 1 through 10, 12, 14 through 19; claims
20 through 22 as dependent on any one of claims 1 through 10, 12, and 14; and claims 23
through 25 as dependent on any one of claims 1 through 10, 12, 14, and 17 wherein A' is
-SO₂-, -O-, or -N(Q-R₄)-, and a and b are independently integers from 2 to 3; or A' is

-CH₂-, and a and b are independently integers from 1 to 3.

30. The compound or salt of any one of claims 2 through 6, 8 through 13, and claims 7 and 14 through 29 except as they are dependent on claim 1, wherein R₂ is hydrogen, alkoxyalkylenyl, hydroxyalkylenyl, -R₄, -X-R₄, or -X-Y-R₄; X is C₁₋₂ alkylene; Y is -S(O)₀₋₂-, -S(O)₂-N(R₈)-, -C(R₆)-, -C(R₆)-O-, -O-C(R₆)-, -O-C(O)-O-, -N(R₈)-Q-, -C(R₆)-N(R₈)-, -O-C(R₆)-N(R₈)-, or -C(R₆)-N(OR₉)-, and R₄ is alkyl.

31. The compound or salt of claim 30 wherein R₂ is hydrogen, C₁₋₄ alkyl, hydroxyC₁₋₄ alkylenyl, or C₁₋₄ alkyl-O-C₁₋₄ alkylenyl.

32. The compound or salt of claim 31 wherein R₂ is hydrogen, methyl, ethyl, propyl, butyl, 2-methoxyethyl, ethoxymethyl, hydroxymethyl, or 2-hydroxyethyl.

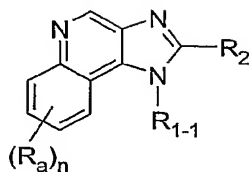
33. A pharmaceutical composition comprising a therapeutically effective amount of a compound or salt of any one of claims 1 through 32 and a pharmaceutically acceptable carrier.

34. A method of inducing cytokine biosynthesis in an animal comprising administering an effective amount of a compound or salt of any one of claims 1 through 32 or a pharmaceutical composition of claim 33 to the animal.

35. A method of treating a viral disease in an animal in need thereof comprising administering a therapeutically effective amount of a compound or salt of any one of claims 1 through 32 or a pharmaceutical composition of claim 33 to the animal.

36. A method of treating a neoplastic disease in an animal in need thereof comprising administering a therapeutically effective amount of a compound or salt of any one of claims 1 through 32 or a pharmaceutical composition of claim 33 to the animal.

37. A compound of the formula (XIV):

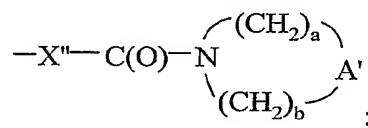


XIV

wherein:

5 R_{1-1} is selected from the group consisting of:

$-X'-C(O)-N(R_1')(R_1'')$ and



X' is selected from the group consisting of $-CH(R_9)-$, $-CH(R_9)$ -alkylene-, and $-CH(R_9)$ -alkenylene-;

10 X'' is selected from the group consisting of $-CH(R_9)-$, $-CH(R_9)$ -alkylene-, and $-CH(R_9)$ -alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more $-O-$ groups;

R_1' and R_1'' are independently selected from the group consisting of:

hydrogen,
 15 alkyl,
 alkenyl,
 aryl,
 arylalkylenyl,
 heteroaryl,
 20 heteroarylalkylenyl,
 heterocyclyl,
 heterocyclylalkylenyl, and
 alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,
 heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents
 25 selected from the group consisting of:

hydroxy,
 alkyl,

haloalkyl,
hydroxyalkyl,
alkoxy,
haloalkoxy,
5 halogen,
cyano,
nitro,
amino,
alkylamino,
10 dialkylamino,
arylsulfonyl, and
alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and
-N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7;

R_a is selected from the group consisting of:

halogen,
alkyl,
haloalkyl,
20 alkoxy, and
-N(R₉)₂;

n is an integer from 0 to 4;

R₂ is selected from the group consisting of:

-R₄,
25 -X-R₄,
-X-Y-R₄, and
-X-R₅;

X is selected from the group consisting of alkylene, alkenylene, alkynylene,
arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and
30 alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or
heterocyclylene and optionally interrupted by one or more -O- groups;

Y is selected from the group consisting of:

-S(O)₀₋₂-,

-S(O)₂-N(R₈)-,

-C(R₆)-,

-C(R₆)-O-,

-O-C(R₆)-,

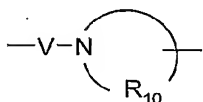
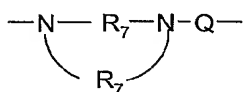
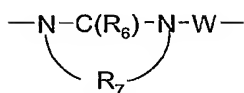
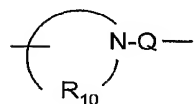
-O-C(O)-O-,

-N(R₈)-Q-,

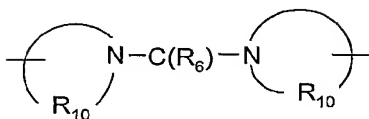
-C(R₆)-N(R₈)-,

-O-C(R₆)-N(R₈)-,

-C(R₆)-N(OR₉)-,



, and

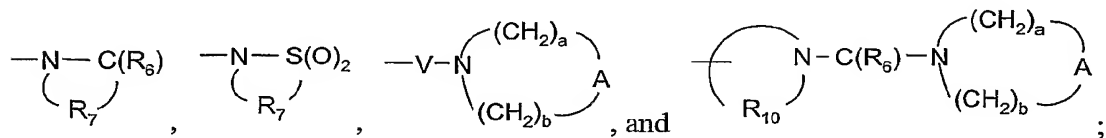


;

R₄ is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino,

(dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R_5 is selected from the group consisting of:



R₆ is selected from the group consisting of =O and =S;

R₇ is C₂₋₇ alkylene;

R₈ is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

R₉ is selected from the group consisting of hydrogen and alkyl;

R₁₀ is C₃₋₈ alkylene;

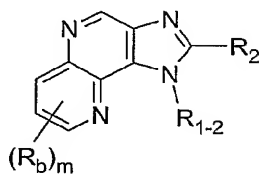
A is selected from the group consisting of -O-, -C(O)-, -S(O)₀₋₂-, -CH₂-, and -N(R₄)-;

Q is selected from the group consisting of a bond, -C(R₆)-, -C(R₆)-C(R₆)-, -S(O)₂-, -C(R₆)-N(R₈)-W-, -S(O)₂-N(R₈)-, -C(R₆)-O-, and -C(R₆)-N(OR₉)-;

V is selected from the group consisting of -C(R₆)-, -O-C(R₆)-, -N(R₈)-C(R₆)-, and -S(O)₂-; and

W is selected from the group consisting of a bond, -C(O)-, and -S(O)₂-; or a pharmaceutically acceptable salt thereof.

38. A compound of the formula (XV):

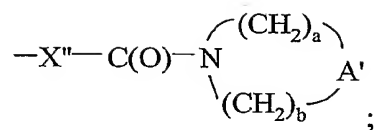


XV

wherein:

R_{1-2} is selected from the group consisting of:

$$-X''-C(O)-N(R_1')(R_1'')$$
 and



X'' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more -O- groups;

5 R₁' and R₁'' are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,

aryl,

10 arylalkylenyl,

heteroaryl,

heteroarylalkylenyl,

heterocyclyl,

heterocyclylalkylenyl, and

15 alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,

heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents

selected from the group consisting of:

hydroxy,

alkyl,

20 haloalkyl,

hydroxyalkyl,

alkoxy,

haloalkoxy,

halogen,

25 cyano,

nitro,

amino,

alkylamino,

dialkylamino,

30 arylsulfonyl, and

alkylsulfonyl;

A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that a + b is ≤ 7;

5 R_b is selected from the group consisting of:

halogen,

hydroxy,

alkyl,

haloalkyl,

10 alkoxy, and

-N(R₉)₂;

m is an integer from 0 to 3;

R₂ is selected from the group consisting of:

-R₄,

15 -X-R₄,

-X-Y-R₄, and

-X-R₅;

X is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

20

Y is selected from the group consisting of:

-S(O)₀₋₂-,

-S(O)₂-N(R₈)-,

25 -C(R₆)-,

-C(R₆)-O-,

-O-C(R₆)-,

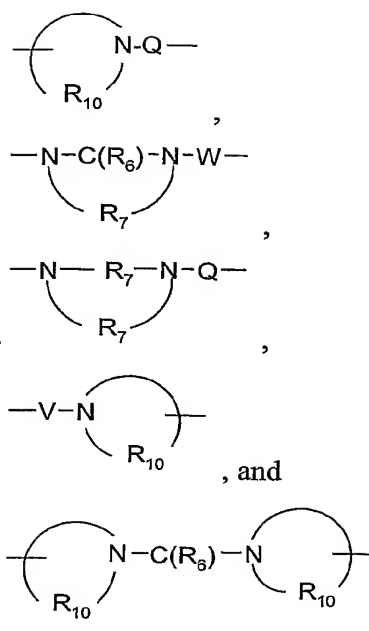
-O-C(O)-O-,

-N(R₈)-Q-,

30 -C(R₆)-N(R₈)-,

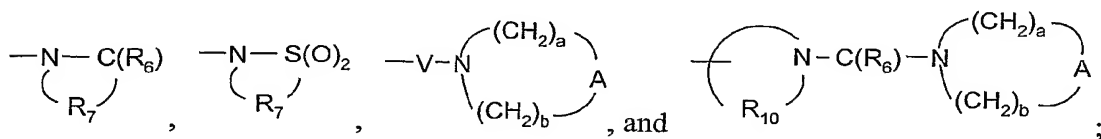
-O-C(R₆)-N(R₈)-,

-C(R₆)-N(OR₉)-,



R₄ is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R_5 is selected from the group consisting of:



R₆ is selected from the group consisting of =O and =S;

R₇ is C₂₋₇ alkylene;

R₈ is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

R₉ is selected from the group consisting of hydrogen and alkyl;

R₁₀ is C₃₋₈ alkylene;

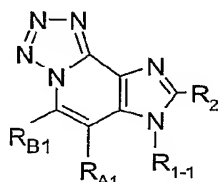
A is selected from the group consisting of -O-, -C(O)-, -S(O)₀₋₂-, -CH₂-, and -N(R₄)-;

5 Q is selected from the group consisting of a bond, -C(R₆)-, -C(R₆)-C(R₆)-, -S(O)₂-, -C(R₆)-N(R₈)-W-, -S(O)₂-N(R₈)-, -C(R₆)-O-, and -C(R₆)-N(OR₉)-;

V is selected from the group consisting of -C(R₆)-, -O-C(R₆)-, -N(R₈)-C(R₆)-, and -S(O)₂-; and

10 W is selected from the group consisting of a bond, -C(O)-, and -S(O)₂-;
or a pharmaceutically acceptable salt thereof.

39. A compound of the formula (XVI):

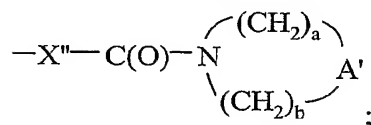


XVI

15 wherein:

R₁₋₁ is selected from the group consisting of:

-X'-C(O)-N(R₁') (R₁'') and



20 X' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-;

X'' is selected from the group consisting of -CH(R₉)-, -CH(R₉)-alkylene-, and -CH(R₉)-alkenylene-; wherein the alkylene and alkenylene are optionally interrupted with one or more -O- groups;

25 R₁' and R₁'' are independently selected from the group consisting of:

hydrogen,

alkyl,

alkenyl,
 aryl,
 arylalkylenyl,
 heteroaryl,
 5 heteroarylalkylenyl,
 heterocyclyl,
 heterocyclylalkylenyl, and
 alkyl, alkenyl, aryl, arylalkylenyl, heteroaryl, heteroarylalkylenyl,
 heterocyclyl, or heterocyclylalkylenyl, substituted by one or more substituents
 10 selected from the group consisting of:

hydroxy,
 alkyl,
 haloalkyl,
 hydroxyalkyl,
 15 alkoxy,
 haloalkoxy,
 halogen,
 cyano,
 nitro,
 20 amino,
 alkylamino,
 dialkylamino,
 arylsulfonyl, and
 alkylsulfonyl;

25 A' is selected from the group consisting of -O-, -C(O)-, -CH₂-, -S(O)₀₋₂-, and
 -N(Q-R₄)-;

a and b are independently integers from 1 to 6 with the proviso that $a + b \leq 7$;

R_{A1} and R_{B1} are independently selected from the group consisting of:

hydrogen,
 30 halogen,
 alkyl,
 alkenyl,

alkoxy,
alkylthio, and
-N(R₉)₂;

R_2 is selected from the group consisting of:

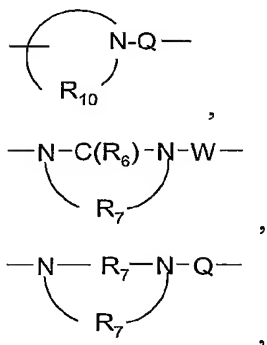
5 -R₄,
 -X-R₄,
 -X-Y-R₄, and
 -X-R₅;

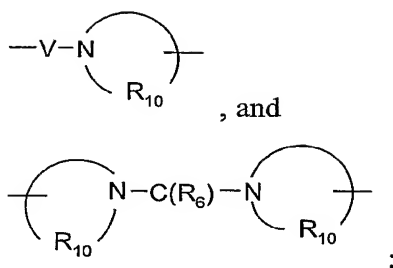
X is selected from the group consisting of alkylene, alkenylene, alkynylene, arylene, heteroarylene, and heterocyclylene wherein the alkylene, alkenylene, and alkynylene groups are optionally interrupted or terminated by arylene, heteroarylene or heterocyclylene and optionally interrupted by one or more -O- groups;

Y is selected from the group consisting of:

15 -S(O)₀₋₂-
 -S(O)₂-N(R₈)-,
 -C(R₆)-,
 -C(R₆)-O-,
 -O-C(R₆)-,
 -O-C(O)-O-,

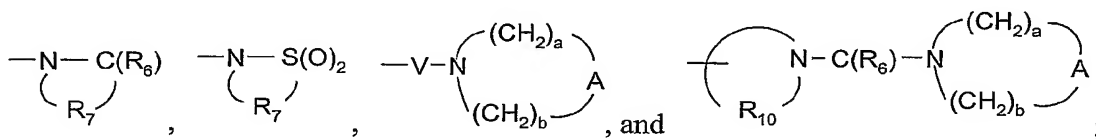
20 -N(R₈)-Q-,
 -C(R₆)-N(R₈)-,
 -O-C(R₆)-N(R₈)-,
 -C(R₆)-N(OR₉)-,





R_4 is selected from the group consisting of hydrogen, alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl wherein the alkyl, alkenyl, alkynyl, aryl, arylalkylenyl, aryloxyalkylenyl, alkylarylenyl, heteroaryl, heteroarylalkylenyl, heteroaryloxyalkylenyl, alkylheteroarylenyl, and heterocyclyl groups are unsubstituted or substituted by one or more substituents independently selected from the group consisting of alkyl, alkoxy, hydroxyalkyl, haloalkyl, haloalkoxy, halogen, nitro, hydroxy, mercapto, cyano, aryl, aryloxy, arylalkyleneoxy, heteroaryl, heteroaryloxy, heteroarylalkyleneoxy, heterocyclyl, amino, alkylamino, dialkylamino, (dialkylamino)alkyleneoxy, and in the case of alkyl, alkenyl, alkynyl, and heterocyclyl, oxo;

R_5 is selected from the group consisting of:



R_6 is selected from the group consisting of =O and =S;

R_7 is C_{2-7} alkylene;

R_8 is selected from the group consisting of hydrogen, alkyl, alkoxyalkylenyl, and arylalkylenyl;

R_9 is selected from the group consisting of hydrogen and alkyl;

R_{10} is C_{3-8} alkylene;

A is selected from the group consisting of -O-, -C(O)-, -S(O)₀₋₂-, -CH₂-, and -N(R_4)-;

Q is selected from the group consisting of a bond, -C(R_6)-, -C(R_6)-C(R_6)-, -S(O)₂-, -C(R_6)-N(R_8)-W-, -S(O)₂-N(R_8)-, -C(R_6)-O-, and -C(R_6)-N(OR₉)-;

V is selected from the group consisting of -C(R_6)-, -O-C(R_6)-, -N(R_8)-C(R_6)-, and

-S(O)₂-; and

W is selected from the group consisting of a bond, -C(O)-, and -S(O)₂-;
or a pharmaceutically acceptable salt thereof.